

REMARKS

Claims 1-13 are pending in the present application. New claim 13 has been added.

Claim Rejections - 35 U.S.C. § 103

(a) Claims 1-2 and 6-8 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Hyon (U.S. PAT. PUB. 2002/0077135) in view of Baker (USP 6,546,417). This rejection is respectfully traversed.

The claimed invention of the present application is directed to a display device capable of displaying a text containing a standardized character, and a non-standardized image inserted in the text simultaneously.

More specifically, the display device includes a first storage portion for storing beforehand a standardized character code for specifying each standardized character. The standardized character code may be a well-known industrial standard such as Unicode. The display device also includes a second storage portion for storing a non-standardized image code for specifying the non-standardized image and non-standardized image data corresponding to the non-standardized image code in a correlated manner. The non-standardized image is generated by a user and is not included in the industrial standard.

The display device further includes a display output portion for outputting the standardized character and the non-standardized image, and a display control portion for causing the display output portion to output corresponding standardized character and the non-standardized image based on display data containing a series of standardized character code, text attribute data, and the non-standardized image code. The display control portion has image

transforming means for transforming the non-standardized image to be displayed according to the text attribute data.

The Examiner alleges, in the Office Action, that Hyon discloses, in paragraphs 25 and 44, the second storage portion of the present invention. Applicants respectfully disagree.

Hyon states, in paragraph 25:

Emoticons are usually divided into two categories: oriental ones used among Asians including Koreans and Japanese, and occidental ones mainly used in the U.S. and Europe. Vertical hieroglyphics prevail in the former case, whereas horizontal ones prevail in the latter case. Therefore, storage 18 stores oriental or occidental emoticons according to the cultural area of a user.

The Asian and occidental emoticons are standardized characters and are widely used among Asians, including Koreans and Japanese, and in U.S. and Europe, respectively.

Further, Hyon states, in paragraph 44:

A plurality of emoticons are pre-stored in a mobile terminal so that a user easily select an intended emoticon in the present invention. In another embodiment, the user can add hieroglyphics to basic emoticons stored by a manufacturer. The hieroglyphics can be stored in three ways: the user directly stores them, receives them from a base station and the stores them, or downloads them from the Internet. The user can change and edit the emoticons stored in the mobile terminal.

Hyon states that the user can add hieroglyphics to the basic emoticons by the user directly storing them, receiving them from a base station, or downloading them from the Internet. Therefore, these hieroglyphics are standardized characters rather than non-standardized images. Hyon also states that the user can change and edit the emoticons stored in the mobile terminal.

Hyon, however, fails to disclose that the changed and edited emoticons are stored in a storage portion (e.g., the second storage portion (such as a RAM)) different from a storage portion (e.g., the first storage portion (such as a ROM)) that stores the standardized emoticons.

Baker discloses, in col. 8, lines 26-40, means for scaling the size of the icon graphics, such that an icon most closely matching the point size of the font is chosen, and then scaled as needed to better the font point size.

Applicants submit, however, that even assuming that Hyon and Baker can be combined, which Applicants do not admit, Hyon in view of Baker fails to disclose or suggest “a first storage portion for storing beforehand a standardized character code for specifying each standardized character,” and “a second storage portion for storing a non-standardized image code for specifying said non-standardized image and non-standardized image data corresponding to said non-standardized image code in a correlated manner, said non-standardized image being generated by a user,” as required in claim 1.

Claim 2, dependent on claim 1, is allowable at least for its dependency on claim 1.

Claims 6-8 are allowable at least for the similar reasons as stated in the foregoing with regard to claim 1.

The Examiner is respectfully requested to reconsider and withdraw this rejection.

(b) Claims 3-5 and 9-12 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Hyon in view of Baker, and further in view of Ostermann et al. (USP 6,990,452). This rejection is respectfully traversed.

Claims 3-5 and 9-12, variously dependent on claim 1, are allowable at least for their dependency on claim 1.

The Examiner is respectfully requested to reconsider and withdraw this rejection.

New Claims

Claim 13, dependent on claim 1, is allowable at least for its dependency on claim 1.

A favorable determination by the Examiner and allowance of this claim is earnestly solicited.

Conclusion

Accordingly, in view of the above amendments and remarks, reconsideration of the rejections and allowance of the pending claims in the present application are respectfully requested.

The Examiner is respectfully requested to enter this Reply After Final in that it raises no new issues. Alternatively, the Examiner is respectfully requested to enter this Reply After Final in that it places the application in better form for Appeal.

Application No.: 10/516,881
Reply dated April 27, 2007
to Office Action of December 28, 2006
Page 12 of 12

Docket No.: 0033-0964PUS1

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Maki Hatsumi (#40,417) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or to credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

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Respectfully submitted,


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